

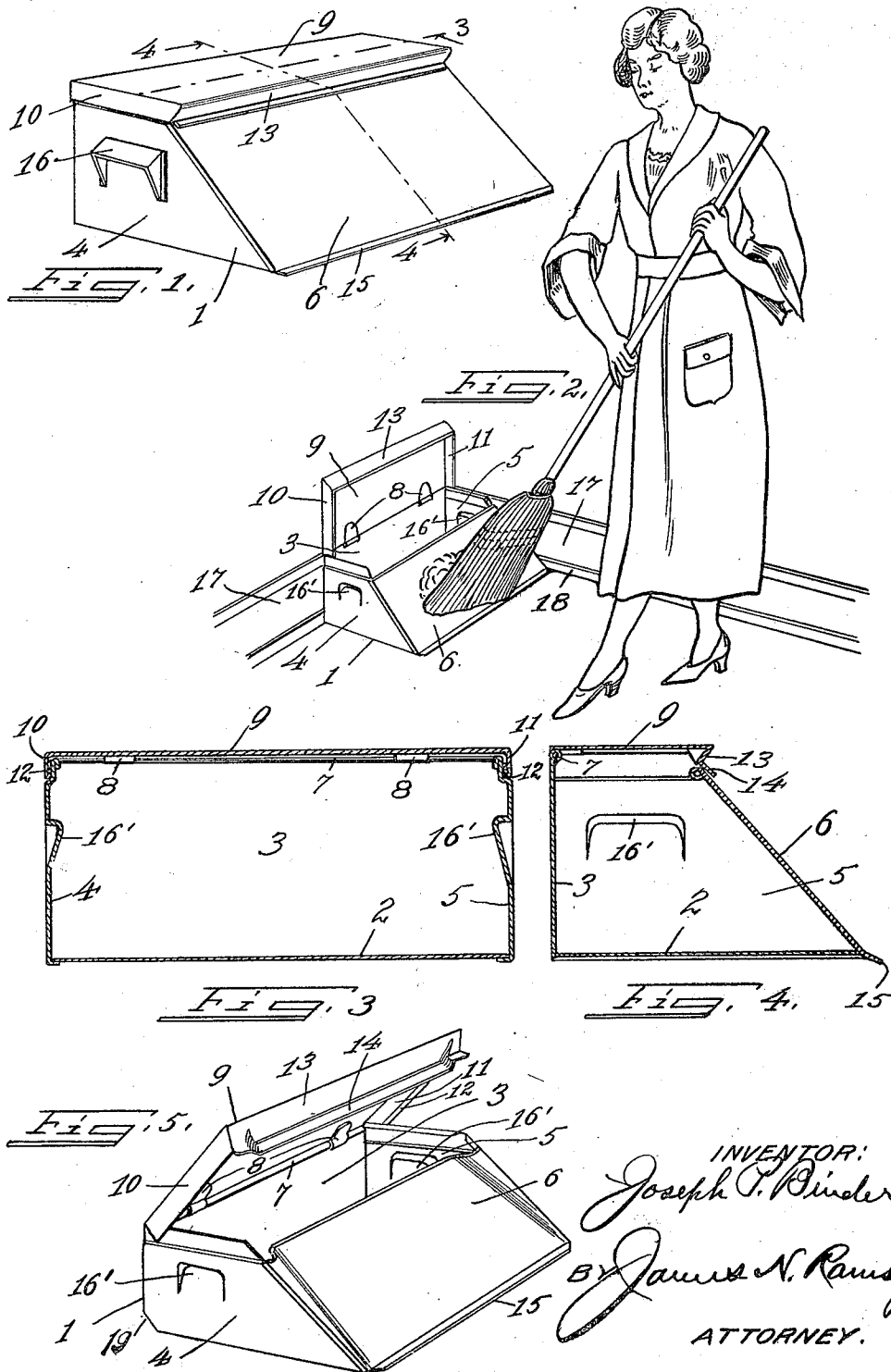
June 17, 1924.

1,498,341

J. P. BINDER

DUST RECEPTACLE

Filed April 14, 1920



INVENTOR:

Joseph P. Binder

By James N. Ramsey

ATTORNEY.

UNITED STATES PATENT OFFICE.

JOSEPH P. BINDER, OF LUDLOW, KENTUCKY.

DUST RECEPTACLE.

Application filed April 14, 1920. Serial No. 373,856.

To all whom it may concern:

Be it known that I, JOSEPH P. BINDER, a citizen of the United States, residing at Ludlow, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Dust Receptacles, of which the following is a specification.

The object of my invention is to provide a receptacle of neat appearance, which is adapted to be placed in the corner of the room and remain there convenient and ready to receive the sweepings from the floor and to retain the same until such time as may be convenient for removing the contents.

My invention consists in providing the receptacle with a beveled or slanting front wall having a downwardly extending edge adapted to make close contact with the floor and having a lid with a front projection adapted to be conveniently opened and closed by the use of a broom.

My invention also consists in the details of construction and in the parts and combination and arrangement of parts as herein set forth and claimed.

In the drawings:

Fig. 1 is a perspective view of my novel dust receptacle;

Fig. 2 is a perspective view illustrating its manner of use;

Fig. 3 is a longitudinal section on a line corresponding to line 3—3 of Fig. 1, but having the handles extending inwardly instead of outwardly;

Fig. 4 is a transverse section on the line 4—4 of Fig. 1;

Fig. 5 is a perspective view of a modified construction, in which the beveled or slanting front wall is depressed between its ends to assist in guiding the sweepings into the receptacle.

In the embodiment of my invention as illustrated, and which shows preferred constructions, the receptacle 1 is provided with horizontal bottom 2, vertical rear wall 3, vertical end walls 4 and 5 and tapering or beveled front wall 6 suitably secured together. The upper edge of rear wall 3 is curved inwardly over a spindle 7 which serves to reinforce and strengthen the upper edge and forms a pintle on which hinge straps 8 attached to lid 9 are pivotally mounted. Lid 9 is provided with end flanges 10 and 11 having its edges intumed to form a strengthening lap 12. The front

flange 13 extends downwardly and inwardly and is provided with a forwardly projecting edge 14 which is adapted to snugly fit the tapering or beveled front wall 6. The vertical end walls 4 and 5 are preferably offset inwardly at their upper edges to permit the end flanges 10 and 11 of the lid 9 to fit flush with the vertical outer surface of said end walls. The lower edge 15 of front wall 6 is extended downwardly and forwardly of the bottom, in order to insure of its forming a close contact with the floor or floor covering. In Figs. 1 and 4, I have shown the handles 16 extending outwardly, but in Figs. 2, 3 and 5, I have shown the handles 16' extending inwardly in order that the receptacle may fit snugly against the base rail 17 or bead 18 thereof of the room, so that none of the sweepings will get between the end of the receptacle and the base rail.

It will be seen that the front edge of the lid projects outwardly so that it may be easily and conveniently raised to open position by the use of the broom as shown in Fig. 2, and it may also be closed by the use of a broom by pressing the broom outwardly against flange 14.

In Fig. 5, I have shown a modified construction of the front wall which is depressed between its ends to serve in guiding the sweepings into the receptacle and prevent them from falling over the ends onto the floor. In this construction also, the front of the lid is modified so as to conform to the depressed portion and thereby obtain a close fit of the lid thereon when in closed position. In this construction, the lower rear corner is beveled, recessed or inset at 19 to receive the bead of the base board and permit the rear wall of the receptacle to fit snugly against the base board and bead and thereby cause the receptacle to rest securely in the corner of the room while sweeping up the slanting surface into it, and it also prevents dust or sweepings from collecting between the receptacle and the wall, and the receptacle thus takes up less space in the room than otherwise.

It will be seen that by the use of this receptacle, sweeping becomes a real pleasure instead of drudgery, since the user may stand erect while sweeping and does not have to bend her back to collect the sweepings in a dust pan. The receptacle is opened and closed by the use of the broom and it is

only necessary to empty the receptacle once in two or three weeks. The sweeping can be completed much more quickly and easily than with the use of a dust pan and, if it is desired to empty the receptacle out of doors, simply close it, carry it out and empty it without any danger of the dust blowing back into the room as is the case with the dust pan. Furthermore, the downwardly projecting front edge of the receptacle fits the floor or floor covering more snugly than does the front edge of the ordinary dust pan, thereby enabling the user to sweep up the dust more completely and easily than when using a dust pan. The receptacle, also furnishes a neat and convenient place for sweeping or putting waste of any kind and thereby takes the place of the open unsightly waste basket.

It will be apparent that my invention is capable of some modification without departure from its scope or spirit, as indicated by the examples given, and I do not, therefore, wish to be limited to the particular construction or form shown.

What I claim as new and desire to secure by Letters Patent is:

1. A dust receptacle having a slanting front wall provided with a forwardly and downwardly projecting edge, a lid hinged to the rear wall and having its front extending in the path of a broom when moved upwardly over said slanting front wall whereby said lid may be opened and closed by the broom.

2. A dust receptacle having unobstructed vertical rear and end walls to permit said walls to snugly fit directly against the walls of the corner of a room and having a fixed slanting front wall of less height than said rear and end walls to form a space for receiving the sweepings over the upper edge of said front wall, and a flat lid hinged to the rear wall and having a projecting front whereby said lid may be thrown to open position by a broom, substantially as set forth and for the purposes specified.

3. A dust receptacle having a slanting front wall, a lid for the top of said receptacle having a projecting front edge whereby said lid is adapted to be opened by a broom in sweeping, substantially as set forth and for the purposes specified.

4. A dust receptacle having a horizontal bottom, vertical rear and end walls, a slanting front wall having a forwardly and downwardly projecting edge, a flanged lid hinged to the rear wall and having a forwardly and downwardly extending projection whereby it may be opened and closed by a broom.

5. A dust receptacle having a slanting front wall and a lid for the top of said receptacle having a projecting flanged edge whereby said lid is adapted to be closed by a broom.

JOSEPH P. BINDER.

Witnesses:

GLADYS L. HORTON,
JAMES N. RAMSEY.